



ADARSH MANAGEMENT INSTITUTE OF INDIA

B.Tech in Civil Engineering

Course Name: B.Tech In Civil Engineering

Duration: 4 Years

Eligibility: 10+2(PCM)

Lateral Entry: Candidate who has three year diploma after 10th can enroll for 3rd Semester of B.Tech. Candidate who has completed B.Sc(PCM) can enroll for 3rd Semester of B.Tech.

First Semester	Second Semester
1. Mathematics I 2. Engineering Mechanics 3. Humanities 4. Engineering Chemistry 5. Computer Programming 6. Project I	7. Mathematics II 8. Engineering Graphics 9. Engineering Physics 10. Communication Skill 11. Computer Fundamentals 12. Project II
Third Semester	Fourth Semester
1. Mathematics III 2. Strength of Materials 3. Building Technology I 4. Surveying II 5. Electrical Engineering Electronics & Instrumentation 6. Project III	7. Mathematics IV 8. Structural Analysis I 9. Building Technology II 10. Fluid Mechanics 11. Engineering Geology 12. Civil Engineering Drawing I 13. Project IV
Fifth Semester	Sixth Semester
1. Structural Analysis II 2. Structural Design II 3. Open Channel Hydraulic Machinery 4. Geotechnical Engineering 5. Transportation Engineering 6. Civil Engineering Drawing II 7. Project V	8. Structural Analysis III 9. Structural Design II 10. Geotechnical Engineering II 11. Environmental Engineering I 12. Irrigation Engineering 13. Engineering Economics and Principles of Management 14. Project VI
Seventh Semester	Eighth Semester
1. Structural Design III 2. Design of Hydraulic Structures 3. Numerical Methods & Operations	1. Quantity Surveying and Valuation 2. Architecture and Town Planning 3. Transportation Engineering

Research 4. Environmental Engineering II 5. Elective I 6. Environmental Engineering Laboratory 7. Project VII	4. Construction Engineering & Management 5. Elective II 6. Project - VIII
ELECTIVE-I	ELECTIVE-II
8. Advanced Structural Design I 9. Advanced Foundation Design 10. Ground Water Hydrology 11. Building Maintenance 12. Advanced Surveying and Remote Sensing	1. Advanced Structural Design II 2. Earth and Rock fill Dam Engineering 3. Coastal Engineering and Marine Structures 4. Environmental Pollution Control Engineering 5. Finite Element Method 6. Advanced Mathematics